


B) Amendments to the specification:

Insert the following new paragraph on page 10 of the specification after line 17 and before line 18.

-- The term "skin layer" is common terminology used in microwave science and the microwave industry. For example, see the explanation in column 5 of US Patent No. 6,989,675 wherein the term is stated in line 28 of that column. When the electromagnetic radiation (for example microwave radiation) meets with a material, it penetrates inside the material and heats the material thereby losing energy. The distribution of the radiation energy lost (or heat distribution inside the material) for each particular material will depend upon its thickness and the radiation frequency. If the thickness of the material is not wide and is not narrow, but it is of optimal thickness, most of the energy (63%) is used and the temperature difference between the surfaces will not be large, and acceptable heating uniformity is attained inside the material. The industry has agreed to refer to such thickness as the "skin layer" for a particular material that is irradiated by electromagnetic radiation with a particular frequency. There are different skin layers for different frequencies as well as for different kinds of materials. - -

C) Evidence Establishing Common Ownership Under 35 U.S.C. 103(c):

The above-referenced application and the Sklyarevich reference (US 6,424,090 B1) were, at the time the invention was made, owned by the same person, namely GTI or Gyrotron Technology, Inc.

A handwritten signature in cursive script, reading "Floyd B. Carothers".

Floyd B. Carothers, Attorney for
Applicants and Assignee
Gyrotron Technology, Inc.